

JC971 U.S. PTO  
05/21/01

FORM PTO-1082

81942.0015  
Express Mail Label No. EL 713 626 455 US

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

JC971 U.S. PTO  
05/21/01  
09/862888

Re application of:  
**Ryoko KATAYANAGI; Yasuyuki MURAKAMI; and Masao KASAHARA**

Serial No: Not assigned  
 Filed: May 21, 2001  
 For: **ENCRYPTION METHOD, DECRYPTION METHOD, CRYPTOGRAPHIC COMMUNICATION METHOD, CRYPTOGRAPHIC COMMUNICATION SYSTEM, MEMORY PRODUCT AND DATA SIGNAL EMBODIED IN CARRIER WAVE**

Box PATENT APPLICATION  
 Commissioner for Patents  
 Washington, D.C. 20231

Dear Sir:

## CORRESPONDENCE ADDRESS:

 Customer Number

000026021



26021

PATENT TRADEMARK OFFICE

Transmitted herewith for filing is the patent application identified above.

2 sheet(s) of drawings ( formal  informal) is(are) enclosed.  
 47 page(s) of specification and 1 page(s) of abstract of the invention are enclosed.  
 An assignment of the invention to MURATA KIKAI KABUSHIKI KAISHA and Masao KASAHARA  is enclosed  will follow.  
 An associate power of attorney  is enclosed  will follow.  
 Applicant claims small entity status. See 37 CFR 1.27.  
 Declaration and Power of Attorney  is enclosed  will follow.  
 A certified copies of Japanese Patent Application No. 2000-153358 filed May 24, 2000 and 2000-307822 filed October 6, 2000 from which priority is claimed under 35 U.S.C. § 119 is enclosed and 2001-97701 filed March 29, 2001 will follow.  
 IDS enclosed ( with 1 reference(s)).  
 Preliminary Amendment is enclosed.  
 Application data sheet is enclosed. See 37 CFR 1.76.  
 Return postcard is enclosed.

## CALCULATION OF FEES

ITEM	TOTAL NO. OF CLAIMS		NO. OF CLAIMS OVER BASE	LG/SM \$ ENTITY FEE	\$ AMOUNT	\$ FEE
A TOTAL CLAIMS FEE	38	-20	18	LG=\$18 SM=\$9	\$18	324
B INDEPENDENT CLAIMS FEE*	8	-3	5	LG=\$80 SM=\$40	\$80	400
C SUBTOTAL - ADDITIONAL CLAIMS FEE (ADD FINAL COLUMN IN LINES A + B)						724
D MULTIPLE-DEPENDENT CLAIMS FEE						LARGE ENTITY FEE = \$270 SMALL ENTITY FEE = \$135 \$ 0
E BASIC FEE						LARGE ENTITY FEE = \$710 SMALL ENTITY FEE = \$355 \$ 710
F TOTAL FILING FEE (ADD TOTALS FOR LINES C, D, AND E)						\$ 1,434.00
G ASSIGNMENT RECORDING FEE						\$ 40 \$ 40

\*LIST INDEPENDENT CLAIMS 1, 4, 6, 9, 11, 15, 37 and 38.

Please charge my Deposit Account No. 50-1314 the amount of \$ 0. A copy of this letter is enclosed.  
 A check in the amount of \$ 1,434.00 to cover the filing fee is enclosed.  
 A check in the amount of \$ 40.00 to cover Assignment Recordation fee is enclosed.  
 The Commissioner is hereby authorized to charge any deficiency for the following fees associated with this communication or credit any overpayment to Deposit Account No. 50-1314. **A copy of this sheet is enclosed.**  
 Any additional filing fees required under 37 C.F.R. 1.16  
 Any patent application processing fees under 37 C.F.R. 1.17

Respectfully submitted,  
 HOGAN & HARTSON L.L.P.

By:   
 Michael Crapenhoft  
 Registration No. 37,115  
 Attorney for Applicant(s)

Date: May 21, 2001

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TO/DO

95-23-01

PATENT  
Attorney Docket No: 81942.0015

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Kiyoko KATAYANAGI et al.

Serial No: Not assigned

Filed: May 21, 2001

For: ENCRYPTION METHOD, DECRYPTION METHOD,  
CRYPTOGRAPHIC COMMUNICATION METHOD,  
CRYPTOGRAPHIC COMMUNICATION SYSTEM, MEMORY  
PRODUCT AND DATA SIGNAL EMBODIED IN CARRIER WAVE

Art Unit: Not assigned

Examiner: Not assigned

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"Express Mail" Mailing Label No. EL 713 626 455 US

Date of Deposit: May 21, 2001

Box PATENT APPLICATION  
Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

I hereby certify that

- two copies of a letter of transmittal
- check in amount of \$ 1,434.00 as filing fee
- patent application (47 page(s) of specification; 38 claim(s); 1 page(s) of abstract
- 2 sheet(s) of formal drawings
- executed Declaration and Power of Attorney
- assignment of the invention to MURATA KIKAI KABUSHIKI KAISHA and Masao KASAHARA
- certified copies of Japanese patent application No. 2000-153358 filed May 24, 2000 and 2000-307822 filed October 6, 2000 from which priority is claimed in the subject case pursuant to 35 U.S.C. § 119
- Information Disclosure Statement with 1 reference
- return postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service with sufficient postage under 37 C.F.R. § 1.10 on the date indicated above and are addressed to:

Box PATENT APPLICATION  
Commissioner for Patents  
Washington, D.C. 20231.

Date: May 21, 2001

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Rebecca Golden

Name of person mailing papers

Signature